

# Video Amplifier

$R_1, R_3, R_5, R_7$  - Bias Resistors: Values may  
be obtained 300 ~~many~~ ~~more~~ collector current.

$R_1 = 270 \text{ k}\Omega$  to  $820 \text{ k}\Omega$   $\frac{1}{2} \text{ w.}$  Allen Bradley

$R_3 = 680 \text{ k}\Omega$  to  $1.2 \text{ M}\Omega$   $\frac{1}{2} \text{ w.}$  "

$R_5 = 1.2 \text{ M}\Omega$  to  $1.5 \text{ M}\Omega$   $\frac{1}{2} \text{ w.}$  "

$R_7 = 470 \text{ k}\Omega$  to  $560 \text{ k}\Omega$   $\frac{1}{2} \text{ w.}$  "

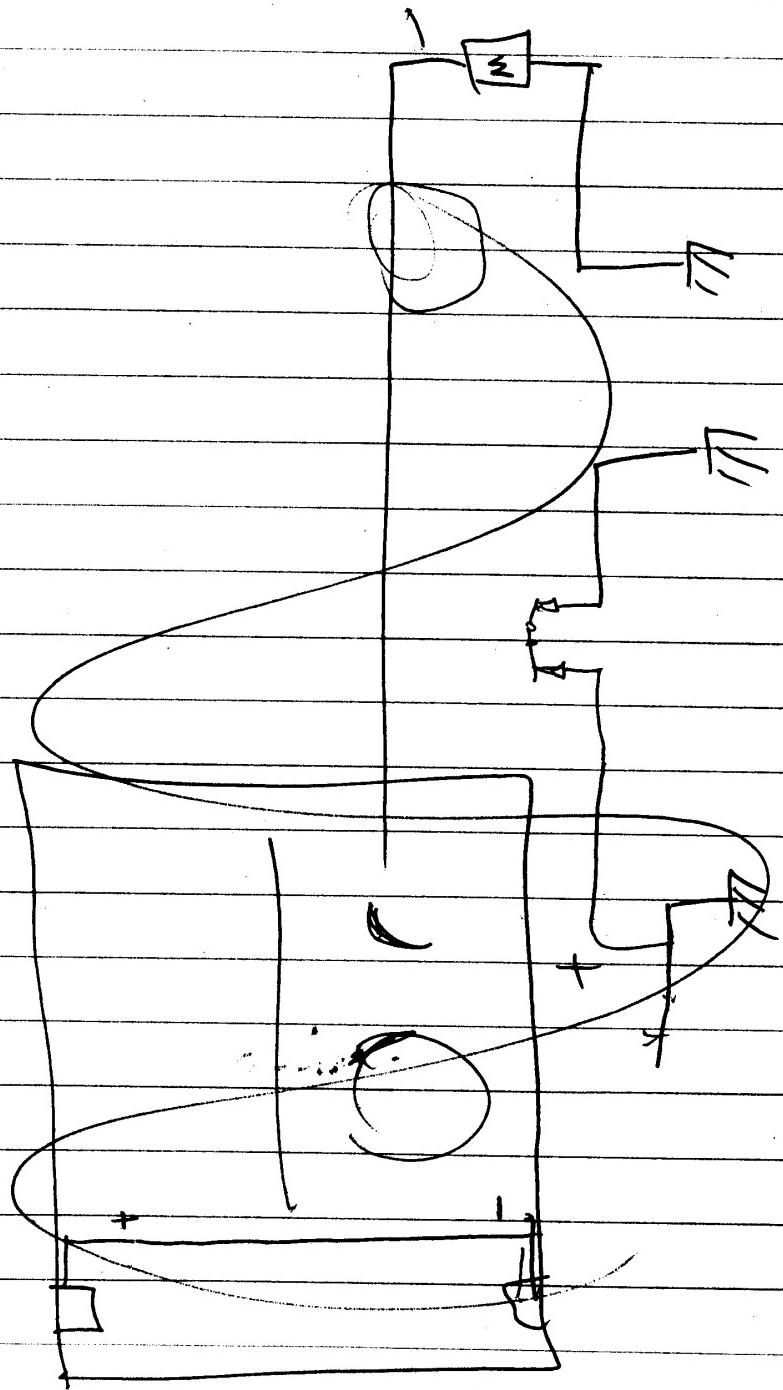
$R_2, R_4, R_6, R_8 = 2200 \Omega$   $\frac{1}{2} \text{ w.}$  "

$TR_1, TR_2, TR_3, TR_4$  - SB100 - Philco

S0~~1~~  
~~1~~ = IPC # 46025 COAXIAL (MALE)

P<sub>1</sub>  
~~1~~ - CONTINENTAL 4-20 P WITH HOOD

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# Video amplifier

$C_1, C_2, C_3, C_4, C_5 = 0.1 \mu\text{fd. } 25V. \text{ Micon}$   
CFRMMIC

$C_6 = 120 \mu\text{fd.}$

$D_1 = 1N67$  HUGHES

## AUDIO AMPLIFIER

 $R_9 = 1M\Omega$  to w. ALLEN BRADLEY $R_{10}, R_{14} = 22k\Omega$  " $R_{11}, R_{15} = 150k\Omega$  " $R_{12}, R_{16} = 18k\Omega$  " $R_{13}, R_{17} = 3.9k\Omega$  " $R_{18} = 12k\Omega$  " $R_{19} = 220k\Omega$  " $R_{20} = 2.7k\Omega$  " $R_{21} = 8.2k\Omega$  " $S_0_1 =$  CONTINENTAL SOCKET 4-20 S $P_2 =$  CONTINENTAL PLUG C5-20 P WITH HOOD $TR_5, TR_6, TR_7 = 2N34$  SYLVANIA

## AUDIO AMPLIFIER

C<sub>7</sub> - 70 ufd 15v. FANSTEEL TANTALUM

C<sub>8</sub>, C<sub>10</sub>, C<sub>12</sub> - 10 ufd 100v. FANSTEEL TANTALUM

C<sub>9</sub>, C<sub>11</sub> - 0.1 ufd 25v MUCON CERAMIC

T<sub>1</sub> - ARGONNE - AR-109 - CENTER TAP REMOVED

DET'AND

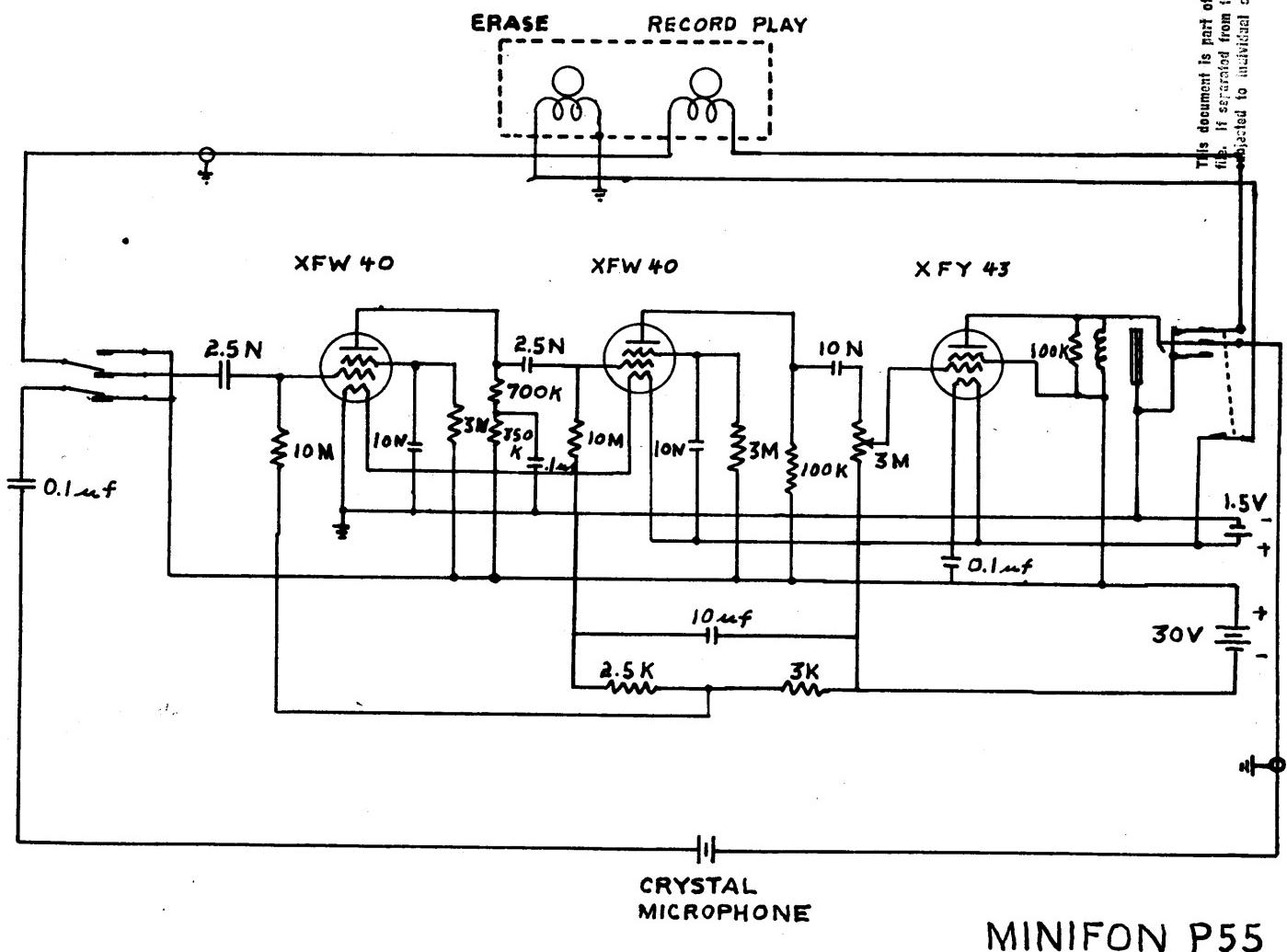
 $R_{22} = 100\text{ k}\Omega$  POT. $R_{23}, R_{28}, R_{29} = 100\text{ k}\Omega$  10W. ALLEN BRADLEY $R_{24} = 6.8\text{ k}\Omega$  " " $R_{25} = 18\text{ k}\Omega$  " " $R_{26} = 22\text{ k}\Omega$  " " $R_{27} = 100\text{ }\Omega$  " " $R_{30} = 200\text{ }\Omega$  1 WATT $C_{13}, C_{17}, C_{18}, C_{19} = 0.1\text{ }\mu\text{fd}$  25V. MUCON CERAMIC $C_{14}, C_{15}, C_{16} = 200\text{ }\mu\text{fd}$  15V. TANALUM - CORNELL DUBILIER $C_{20}, C_{21} = 2\text{ }\mu\text{fd}$  - 100V. FANSTEEL TANTALUMTR<sub>8</sub>, TR<sub>9</sub> - 2N34RY<sub>1</sub>, RY<sub>2</sub> - ELGIN-NEOMATIC RELAY - NM2KS<sub>02</sub> - CONTINENTAL - C5-20 SS<sub>03</sub> - CONTINENTAL 4-20 S - WITH HOODS<sub>03</sub> - CONTINENTAL 4-20 PM<sub>1</sub> - CAM DRIVE MOTOR 1/5 R.P.M. 6 Volts 70mA.

HAYDON # FW296 Z CALIBRATED RESISTOR REMOVED

L<sub>1</sub>, L<sub>2</sub> - 100 MH. 25Ω CUP CORE CHOKESD<sub>2</sub> - IN48SW<sub>1</sub> - MICRO-SWITCH - CAM-TIME ACTUATED (ARM LEVER)SW<sub>2</sub> - MICRO-SWITCH (BAT LEVER) POWER SWITCH

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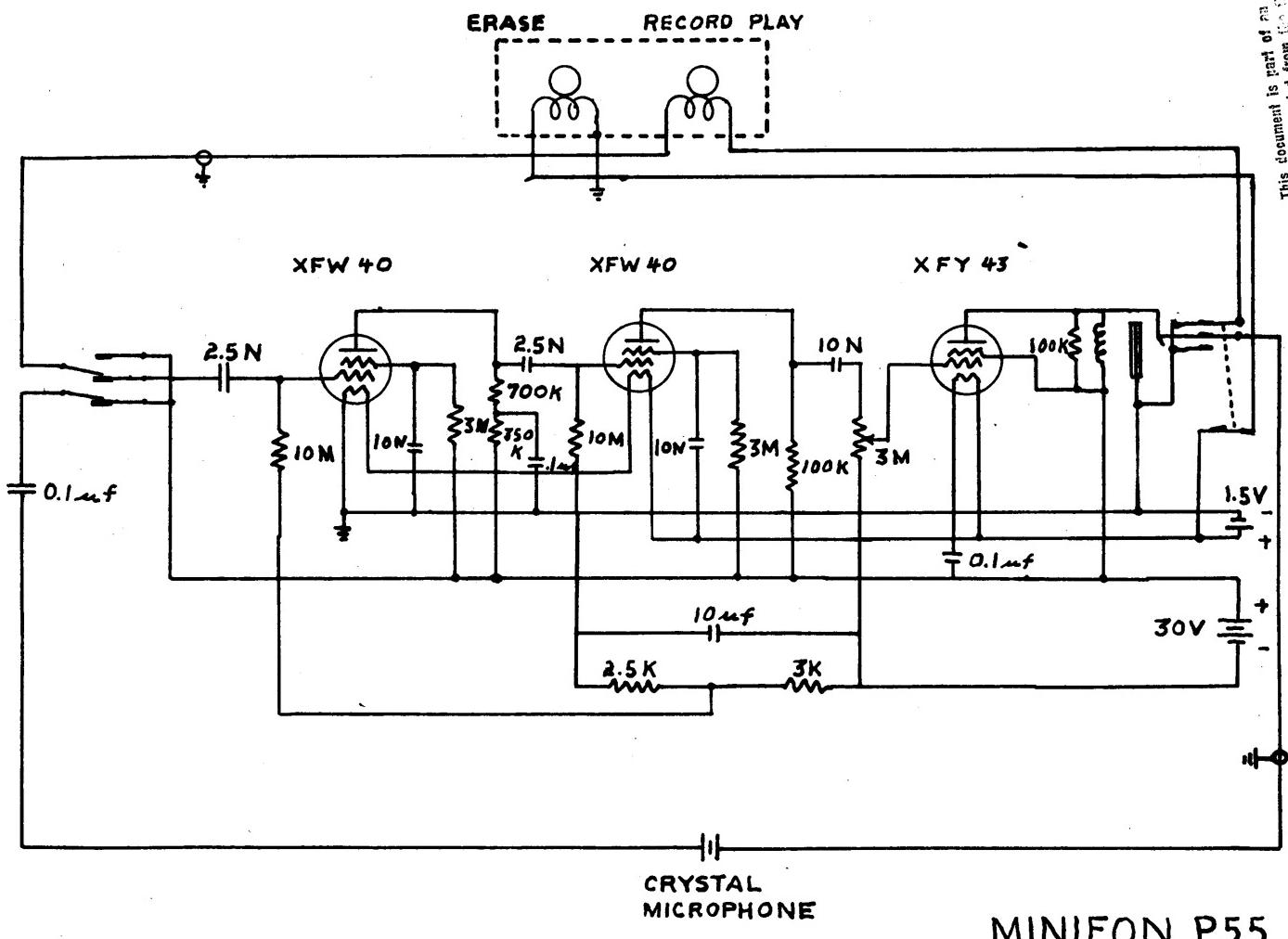
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MINIFON P55

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